

103

From Whom

Place

Date

SUBJECT.

Culvert between
Tyrone pond & Gardner Lake

Connected Papers.

MINUTES.



M.E.-47

Municipal Engineer's Office,

Singapore, 23rd May 1921.

It is requested that the following number be quoted in the reply to this letter.

L^o.

I. H. Burkhill, Esq.,
Director, Botanical Gardens,
SINGAPORE.



Sir,

I have the honour to enquire whether you will allow me to open out the concrete benching at the outlet to the culvert from Tyersall Pond which we are now arranging to unwater.

I propose, subject to your approval, to commence work on the 30th instant, and would suggest that the water level of the largest pond in the Botanical Gardens be lowered by at least 2 ft. before we commence work.

I have the honour to be,

Sir,

Your obedient servant,

M. Allen to see me
Friday 7.15 am.
Ans.

Executive Municipal Engineer.

314312

On Friday 27th May
met Mr Allen and
Dr Franklin. They are to
drain as far as possible
without interfering with
us, then to confine
again.

Mon. 28.5.21

We must let out
some water however
lest we be flooded
{ the account comes
there is.

D
Bottom outlet opened
on Sunday morning. Water
level quickly lowered by
quarrels.

4.4.
30.5.21

11/10/1921

Official Memorandum.

RECORDED
THE PRESIDENT,
MUNICIPAL COMMISSIONERS,
SINGAPORE.

To

11/10/1921

Dear Mr. Barkly -

I write privately in the first instance, as
we cannot arrange, with speed & in safety, the
matter of the Tyersak Canal.

Allen assures me that unless the head of the outlet,
where it runs into the Saucer, is lowered by 9 inches
the Tyersak works cannot be satisfactory. That is to say
the outlet will be submerged, & flowing in the Canal, with
all its attendant inconveniences and results.

He assures me that to lower the head of the outlet by
9 inches will not make more than 2 inches difference in
the level of the big pond - if at much

In view of the latitude given by the P. Bureau
of the matter of the Sardar's land
would you when you can't meet us at once.

Strangely of course it means correspondence,
& his work at Zurabi will be held up.

P. S. quickly
N. J. Tamm

Will you telephone your ideas.

Botanic Gardens

Singapore

12th. Oct. 1921

Dear Mr. Farrer,

Your letter of 11th. Oct. came by post last night too late for phoning to you; and in any case this matter is not one which can be settled by a few words over the phone.

You write "Allen assures me that unless the level of the outlet where it runs into the Gardens is lowered by 9 inches the Tyersall works cannot be satisfactory, that is to say the outlet will be submerged and silting in the culvert with all its attendant inconveniences will result."

In the course of a few days I shall be able to take my own levels, and will then be able to consider your request. What I do not know at present is the difference between the level of the top of the culvert and the permanent level of the Lake; but it looks to me like half an inch, and if so Allen wants $\frac{3}{2}$ inches off the top of the Lake instead of 2.

Allen appears not to know that the course of the inflow ~~into~~ into the Lake will be through the rockery by the new cut and not by the old line which old line will be maintained for the road drainage which needs catchment pits before the water is allowed into the Lake. The new cut will be open to the Lake and its water on the level with that in the Lake. It will in fact be part of the Lake.

I shall rely on storm water for keeping this cut clear its sides being concreted; and it seems to me that the clearing of silt out of the culvert will also be done by storm water. I am not at present prepared to admit that storm water will not keep the culvert clear. The work in the Gardens is being done on the assumption that this is reasonable. And as the amount of water which has to come down is that which has come down at any time over the last 55 years, only it will

come down less evenly and therefore at times with greater force
the assumption is more than reasonable, the culvert not having
~~under the hard steag drift~~
silted up. Furthermore I am assured that the water coming down
is not going to carry silt, but run clean off grass.

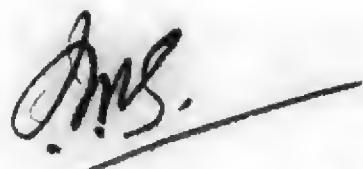
You will see therefore that I do not understand the
necessity of the request that the outlet of the culvert should
not be submerged.

Gardens' Road and the Gardens' lake were made together in
1866. The culvert must have been made then and as the Gardens'
Lake has not been raised, the culvert must have been sub-
merged to its roof from that time. The Tyersall lakes were
made, I understand, in imitation of the Gardens' lake; and they
were provided with this improvement that they had an arrange-
ment for dewatering. That arrangement for dewatering was let
go out of order; and not knowing anything about it, I raised the
water against the mouth of the culvert by about a foot to enable
my cemented ponds to be fed with clean water. I have conceded
the removal of the boulding which did that; but now Allen is
asking concessions on the original construction in 1866; and
in so far as they cause expense to the Gardens for the saving
of the pocket of the Lahore state they require very careful
consideration.

As I said above I will be sole in three days to take
my own levels, and consider what this means.

Why do not your engineers disclose their plans to me? but
unauthorized takings under them are found in the Gardens, and
have to be kicked out. This has occurred twice. Allen
knows of the first case: another has just occurred.

Sincerely yours



Minutes should be written on this page. A separate half-sheet to
be used if required.
